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25X1A

9031-69  
Copy // of 11

5 August 1969

MEMORANDUM FOR: (See Distribution)  
SUBJECT: U-2R Summary Report

The attachment summarizes a cross-section of the maintenance data collected, as of 30 June 1969, on the U-2R Weapon System.

25X1A

Deputy for Materiel, OSA

25X1A Attachment: a/s

D/M/OSA/ [REDACTED] ms

Distribution:

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- #7 - MD/M/OSA (w/att)
- #8 - MD/M/OSA (Chrono)
- #9 - [REDACTED] (w/att)
- #10 - [REDACTED] (w/att)
- #11 - RB (w/att)

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HANDLE VIA [REDACTED]  
CONTROL SYSTEM

124R000100230016-9

ATTACHMENT TO

9031-69

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# U-2R

## SUMMARY REPORT

APRIL - JUNE 1969

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S U M M A R Y

The Reliability Data contained in this report has as its source the Aircraft Flight Maintenance Data Collection System. This system was developed by the Maintenance Division, Deputy for Materiel, and is an effective means of monitoring the performance of the U-2R Weapons System.

25X1D Aircraft system discrepancies directly observed by the pilot are reported in the Aircraft Flight Maintenance Report (AFMR) upon landing. In the areas which are considered non-pilot determinable, [REDACTED] reporting procedures have been modified to allow a 48 hour elapsed time period after flight to insure a complete post mission analysis. The Maintenance Data Collection System is being expanded to include data pertaining to the reliability of the [REDACTED]  
[REDACTED]

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T A B L E   O F   C O N T E N T S

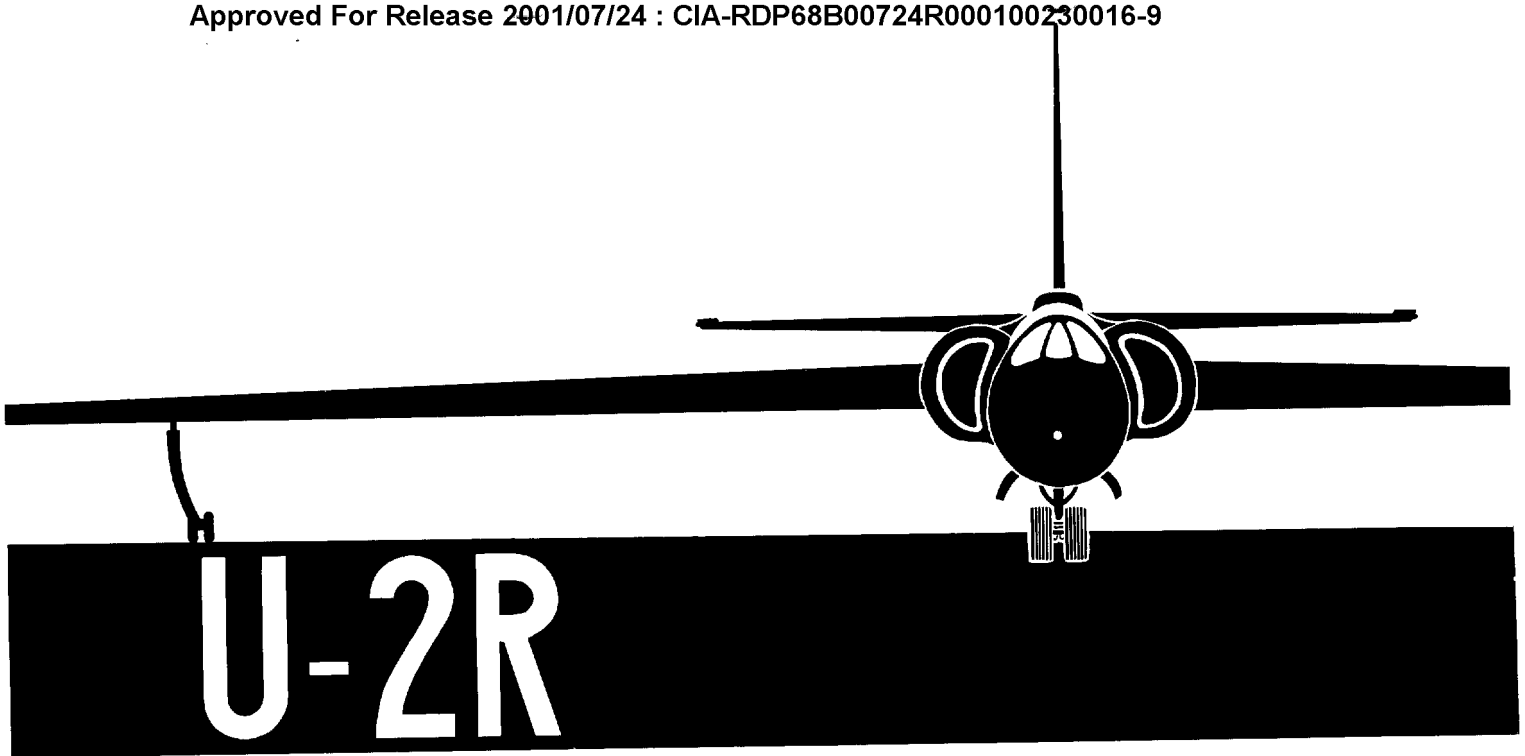
- U-2R Basic Data Sheet
- Aircraft Delivery History
- Aircraft Flying History thru June 1969
- Aircraft Sortie Effectiveness
  - Attempts vs. Successful Sorties
- Aircraft System Performance
- Major Discrepancies by Aircraft
- Successful Sorties with Minor/No Discrepancies Reported
- Minor Discrepancies by System
- Minor Discrepancies by Aircraft

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## AIRFRAME DATA

### LENGTH:

63 FT-1 IN

### WING SPAN:

103 FT-4 IN

### HGT-VERT STAB:

16 FT-2 IN

### ZERO FUEL WT:

18,700 LBS

### DESIGN GROSS WT.

31,334 LBS

### O/LOAD GROSS WT:

37,900 LBS

### FUEL WT:

19,175 LBS (2950 GAL)

## ENGINE DATA

### POWERPLANT:

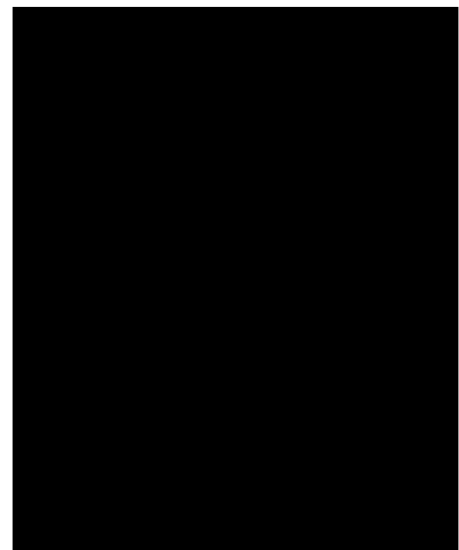
15-STAGE J75P-13  
NON-AFTERBURNING  
ENGINE

### THRUST:

17,000 LBS

## PERFORMANCE

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ALTITUDE AND RANGE FIGURES  
BASED ON 100 GAL FUEL RESERVE

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AIRCRAFT DELIVERY HISTORY

- ROLL OUT - Date all assembly operations were completed on Article - This marked the beginning of the final inspection and systems ground check phase.
- FIRST FLIGHT - Date Article made its first in a series of functional check flights.
- ACCEPTANCE DATE - Date Article was accepted by the operating command.

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# AIRCRAFT DELIVERY HISTORY

ACFT NBR	1967						1968												1969	
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
051		○ ■	● 9/28/67																	
052					○	■							● 7/26/68							
053							○	■				● 4/29/68								
054								○	■			● 6/14/68								
055									○		■	● 5/29/68								
056										○	■	● 6/11/68								
057													○ ■	● 8/29/68						
058														○ ■	● 9/5/68					
059														○ ■	● 9/23/68					
060															○ ■	● 10/17/68				
061																○ ■	● 11/1/68			
062																	○ ■		● 1/11/69	

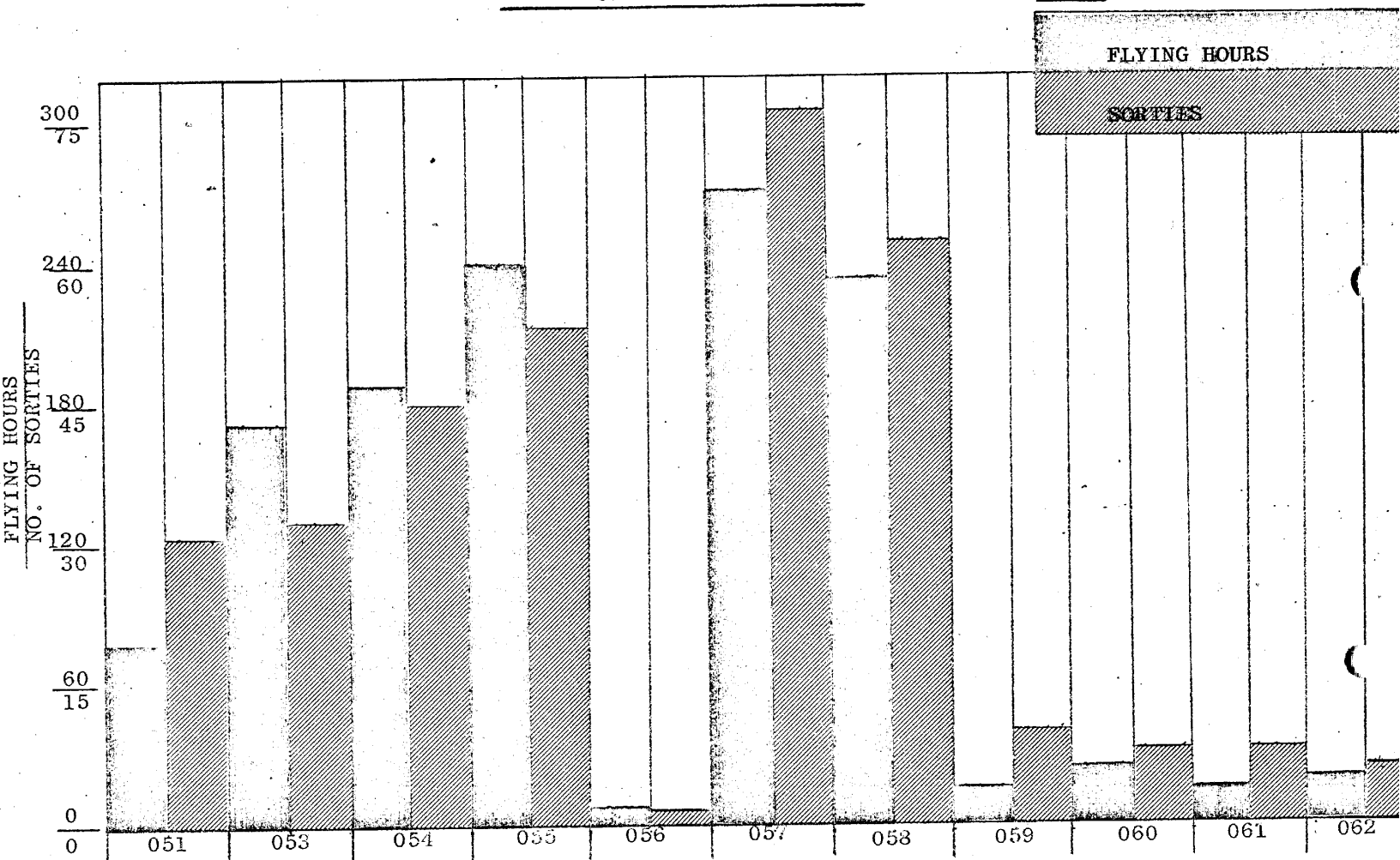
- ROLL OUT
- FIRST FLT
- ACCEPTANCE

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U-2R FLYING HOURS VS. SORTIES

JAN THRU JUN 69

KEY:



AIRCRAFT

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U-2R FLYING/SORTIE RECORD

A/O 30 June 69

\*\* SAC

AIRCRAFT	TOTAL THRU 68	1969												TOTAL YR TO DATE	GRAND TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
* 051	308.3 95	1.1 1	8.1 3	20.2 9	13.3 5	11.8 6	24.2 8							78.7 32	387.0 127
** 052	202.6 55	12.5 3												12.5 3	215.1 58
* 053	195.6 68	33.7 10	5.0 1	26.0 5	66.3 10	13.5 3	28.3 6							172.8 35	368.4 103
* 054	189.6 61	17.4 5	35.0 9	43.1 9	52.9 12	34.5 8	5.8 2							188.7 45	378.3 106
* 055	156.6 56	52.4 13	53.9 10	47.5 11	17.4 6	40.9 8	28.7 6							240.8 54	397.4 110
** 056	46.8 21				1.7 1	6.8 2								8.5 3	55.3 24
* 057	159.1 35	46.5 10	34.3 10	45.8 16	36.0 10	58.4 15	53.7 17							274.7 78	433.8 113
* 058	120.8 38	45.0 6	44.4 11	37.5 10	46.5 16	18.8 7	41.9 15							234.1 65	354.9 103
** 059	11.0 6				9.4 4	2.8 4	3.4 2							15.6 10	26.6 16
** 060	16.9 14			16.6 5	5.6 2		1.5 1							23.7 8	40.6 22
** 061	16.6 9		2.4 2	6.0 2			6.8 4							15.2 8	31.8 17
** 062	12.2 7	13.5 4				2.7 2								16.2 6	28.4 13
TOTAL	1436.1 465	222.1 52	1183.1 46	1242.7 87	2491.1 88	190.2 55	2194.3 61							1125.9 347	2717.6 812

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